Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Friday 03 Sep 2021 until 23:59 on Saturday 04 Sep 2021

Forecast Issued on Thursday 02 Sep 2021 at 15:04

Confidence: High confidence in the generally settled outlook through into the weekend, though cloud amounts are more uncertain. Confidence reducing into the start of next week.

Headline for Friday 03 Sep 2021: Generally dry but largely cloudy.

Mountain weather hazards on Friday 03 Sep 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Dull	Dull	Dull	Cloudy	Cloudy	Sunny intervals	Cloudy	Dull
Precipitation probability							
10%	10%	10%	<05%	<05%	00%	<05%	10%

Forecast for Friday 03 Sep 2021

Weather: A largely dry but overcast start with some lower cloud in places and just the small risk of some light rain or drizzle. Cloud tending to break somewhat into the afternoon however to give the chance of some brighter spells before thickening once again into the evening and overnight.

Chance of cloud free mountain/hill tops above 600m: 30% to start in the High Peaks, but improving further south and through the morning to become 80% into the afternoon as cloud breaks somewhat. Reducing back to 30% into the evening for the highest parts as cloud thickens once again from the east.

Visibility: Extensive cloud with bases 600-800m through the morning, with some lower bases of 400-600m possible giving poorer visibilities at times, particularly on eastern facing slopes in the High Peaks. Visibilities becoming generally good into the afternoon as cloud lifts and breaks somewhat, before turning hazier into the evening.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Friday 03 Sep 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	21/28 NE	19/24 E	17/23 E	16/21 E	14/19 E	14/19 E	12/17 E	13/18 E	12/18 E
300	12/18 E	12/18 E	10/15 E	12/17 E	11/16 E	11/16 E	9/13 E	8/13 E	7/15 E
Valley	7/17 E	6/16 E	6/14 E	9/17 E	9/16 E	10/17 E	8/15 E	8/16 E	9/17 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/5	9/5	9/5	9/6	10/7	11/8	10/8	9/7	9/6
300	12/9	11/9	11/9	12/10	13/11	14/12	13/12	12/11	11/10
Valley	12/11	12/11	12/11	13/11	15/13	15/14	14/13	13/12	12/10
Freezing Level*	2400m	2300m	2300m	2400m	2400m	2400m	2400m	2400m	2300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

There is some uncertainty with regard how much the cloud breaks up into the afternoon, but western areas are likely to see the best of any improvements. The sun remains strong even as we come towards the end of summer with Moderate UV likely in sunshine should we see any persistent cloud breaks.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Thu 02 Sep 2021	0mm	0.8mm	1.4mm

Forecast for Saturday 04 Sep 2021

Weather: Conditions remaining largely dry with early cloud tending to lift and break to give a brighter afternoon and evening.

Maximum wind: south-easterly winds of 10-15mph possible on exposed tops, particularly into the evening.

Chance of cloud free mountain/hill tops above 600m: 30% to start but improving through the morning to become 100% into the afternoon and evening as cloud tends to lift and break.

Visibility: Extensive cloud with bases 600-800m through the morning, with some lower bases of 400-600m again possible. Visibilities becoming good into the afternoon and evening as cloud increasingly breaks

Temperature: **Valleys:** Plus 12 Celsius, rising to Plus 17 Celsius during the afternoon.
At 600m: Plus 9 Celsius, rising to Plus 11 Celsius during the afternoon.
Freezing level: Above summits.

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